

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	((((LEE-GUEN-HO JUNG-JAE-CHANG JUNG-JAE-CHEUN SHI-K) (LEE-GUEN-Hi JUNG-JAE-CHANG JUNG-JAE-CHEUN SHI-K) (LEE-GUEN-Hi JUNG-JAE-CHANG SHI-K)) and (photoresist resist)) and (butadiene adj sulfone)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/07 08:33
L2	90	(butadiene adj sulfone) and (resist photoresist polymer copolymer terpolymer tetrapolymer)	USPAT	OR	ON	2005/03/07 08:33
L3	12	(polybutadiene adj sulfone ) (poly adj butadiene adj sulfone)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/07 08:34
L4	17	3-sulfolene and (resist photoresist)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/07 08:34
L5	2	((methacrylate acrylate hydroxystyrene styrene ) and (((butadiene adj sulfone ) ((poly adj (butadiene adj sulfone)) (poly-butadiene adj sulfone) polybutadienesulfone (polybutadiene adj sulfone)) 3-sulfolene (2,5-dihydrothiophene 1, 1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2, 5-dihydrothiophene adj 1,1-dioxidethiophene) (2, 5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene) (butadiene adj sulfone))) and (resist photoresist) and ((photoacid acid) near generat\$3) and solvent )) not (maleimide and ((methacrylate acrylate hydroxystyrene styrene ) and (((butadiene adj sulfone ) ((poly adj (butadiene adj sulfone)) (poly-butadiene adj sulfone) polybutadienesulfone (polybutadiene adj sulfone)) 3-sulfolene (thiophene 2,5-dihydrothiophene 1, 1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2, 5-dihydrothiophene adj 1,1-dioxidethiophene) (2, 5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene) (butadiene adj sulfone))) and (resist photoresist) and ((photoacid acid) near generat\$3) and solvent )))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/07 08:35
L6	2	((methacrylate acrylate hydroxystyrene styrene ) and (((butadiene adj sulfone ) ((poly adj (butadiene adj sulfone)) (poly-butadiene adj sulfone) polybutadienesulfone (polybutadiene adj sulfone)) 3-sulfolene (2,5-dihydrothiophene 1, 1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2, 5-dihydrothiophene adj 1,1-dioxidethiophene) (2, 5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene) (butadiene adj sulfone))) and (resist photoresist) and ((photoacid acid) near generat\$3) and solvent )) not (maleimide and ((methacrylate acrylate hydroxystyrene styrene ) and (((butadiene adj sulfone ) ((poly adj (butadiene adj sulfone)) (poly-butadiene adj sulfone) polybutadienesulfone (polybutadiene adj sulfone)) 3-sulfolene (thiophene 2,5-dihydrothiophene 1, 1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2, 5-dihydrothiophene adj 1,1-dioxidethiophene) (2, 5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene) (butadiene adj sulfone))) and (resist photoresist) and ((photoacid acid) near generat\$3) and solvent )))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/07 08:35
L7	112	1 2 3 4 5 6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/07 08:37
S1	1	ethylenically adj unsaturated adj film-forming	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:40

S2	2	ethylenically adj unsaturated adj film adj forming	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:40
S3	2	S1 S2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:40
S4	184	((acrylic methacrylic) adj4 (alkyl adj ester)) same ((t-butyl tert-butyl tertbutyl tbutyl ((t tert) adj butyl)) adj (acrylate methacrylate))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 17:03
S5	0	S4 and (ethylenically adj unsaturated)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:42
S6	0	S4 same (improv\$4 enhanc\$4 increas\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:43
S7	7146	((t-butyl tert-butyl tertbutyl tbutyl ((t tert) adj butyl)) adj (acrylate methacrylate))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 16:08
S8	1553	S7 and (film-forming (film adj forming))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 16:09
S9	1501	S8 and polymer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 16:10
S10	81	(butadiene adj sulfone) and (resist photoresist polymer copolymer terpolymer tetrapolymer)	USPAT	OR	ON	2005/03/07 08:33
S11	119	((acrylic methacrylic) adj4 (alkyl adj ester)) same ((t-butyl tert-butyl tertbutyl tbutyl ((t tert) adj butyl)) adj (acrylate methacrylate))	USPAT	OR	ON	2004/08/19 16:10
S12	1415	hexafluoroisopropyl (hexafluoro adj isopropyl)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 17:02
S13	945	hexafluoroisopropyl (hexafluoro adj isopropyl)	USPAT	OR	ON	2004/08/19 17:27
S14	7146	((t-butyl tert-butyl tertbutyl tbutyl ((t tert) adj butyl)) adj (acrylate methacrylate))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 17:03
S15	110	S12 and S14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 17:03
S16	109	S12 and S14	US-PGPUB; USPAT	OR	ON	2004/08/19 17:04
S17	81	S13 and ("430"/\$.ccls.)	USPAT	OR	ON	2004/08/19 17:27
S18	2	("20030022100").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/02 13:55
S19	2	("3449302").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/09/13 12:07

S20	7	"3449302".URPN.	USPAT	OR	ON	2003/09/13 12:05
S21	28012	thiophene 2,5-dihydrothiophene 1,1-dioxidethiophene (1, 1-dioxide adj thiophene) \$6-sulfolene (2,5-dihydrothiophene adj 1,1-dioxidethiophene) (2,5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 11:40
S22	126	butadiene adj sulfone	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:39
S23	28101	(thiophene 2,5-dihydrothiophene 1,1-dioxidethiophene (1, 1-dioxide adj thiophene) \$6-sulfolene (2,5-dihydrothiophene adj 1,1-dioxidethiophene) (2,5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene)) (butadiene adj sulfone)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/09/13 12:10
S24	12292	((thiophene 2,5-dihydrothiophene 1,1-dioxidethiophene (1, 1-dioxide adj thiophene) \$6-sulfolene (2,5-dihydrothiophene adj 1,1-dioxidethiophene) (2,5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene)) (butadiene adj sulfone) ) and (resist photoresist polymer copolymer terpolymer tetrapolymer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/09/13 12:54
S25	1543	((thiophene 2,5-dihydrothiophene 1,1-dioxidethiophene (1, 1-dioxide adj thiophene) \$6-sulfolene (2,5-dihydrothiophene adj 1,1-dioxidethiophene) (2,5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene)) (butadiene adj sulfone) ) and (resist photoresist)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 08:28
S26	189	((((thiophene 2,5-dihydrothiophene 1,1-dioxidethiophene (1, 1-dioxide adj thiophene) \$6-sulfolene (2,5-dihydrothiophene adj 1,1-dioxidethiophene) (2,5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene)) (butadiene adj sulfone) ) and (resist photoresist)) and ((photoacid acid) near generat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/09/13 15:58
S27	1024960	solvent	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/09/13 12:11
S28	186	(((((thiophene 2,5-dihydrothiophene 1,1-dioxidethiophene (1, 1-dioxide adj thiophene) \$6-sulfolene (2,5-dihydrothiophene adj 1,1-dioxidethiophene) (2,5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene)) (butadiene adj sulfone) ) and (resist photoresist)) and ((photoacid acid) near generat\$3)) and solvent	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 08:28
S29	91	(butadiene adj sulfone) and (resist photoresist polymer copolymer terpolymer tetrapolymer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 16:10
S30	4	((butadiene adj sulfone) and (resist photoresist polymer copolymer terpolymer tetrapolymer)) and ((photoacid acid) near generat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/09/13 12:16
S31	87	((butadiene adj sulfone) and (resist photoresist polymer copolymer terpolymer tetrapolymer)) not (((butadiene adj sulfone) and (resist photoresist polymer copolymer terpolymer tetrapolymer)) and ((photoacid acid) near generat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 12:01
S32	0	"74020949".URPN.	USPAT	OR	ON	2003/09/13 12:49
S33	564	2,5-dihydrothiophene 1,1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2,5-dihydrothiophene adj 1, 1-dioxidethiophene) (2,5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/09/13 12:53

S34	251	(2,5-dihydrothiophene 1,1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2,5-dihydrothiophene adj 1, 1-dioxidethiophene) (2,5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene)) and (resist photoresist polymer copolymer terpolymer tetrapolymer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/09/13 12:54
S35	8	((2,5-dihydrothiophene 1,1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2,5-dihydrothiophene adj 1, 1-dioxidethiophene) (2,5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene)) and (resist photoresist polymer copolymer terpolymer tetrapolymer)) and ((photoacid acid) near generat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/09/13 13:41
S36	0	"20030022100".URPN.	USPAT	OR	ON	2003/09/13 13:00
S37	37	(butadiene adj sulfone) not (((2,5-dihydrothiophene 1, 1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2, 5-dihydrothiophene adj 1,1-dioxidethiophene) (2, 5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene)) and (resist photoresist polymer copolymer terpolymer tetrapolymer)) and ((photoacid acid) near generat\$3)) ((2,5-dihydrothiophene 1, 1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2, 5-dihydrothiophene adj 1,1-dioxidethiophene) (2, 5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene)) and (resist photoresist polymer copolymer terpolymer tetrapolymer)) ( ((butadiene adj sulfone) and (resist photoresist polymer copolymer terpolymer tetrapolymer)) not (((butadiene adj sulfone) and (resist photoresist polymer copolymer terpolymer tetrapolymer)) and ((photoacid acid) near generat\$3))) ("20030022100").PN.) ("3449302").PN.) "3449302".URPN. )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/09/13 14:08
S38	271	LEE-GUEN-HO JUNG-JAE-CHANG JUNG-JAE-CHEUN SHI-K	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/09/13 13:40
S39	270	LEE-GUEN-Hi JUNG-JAE-CHANG JUNG-JAE-CHEUN SHI-K	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/09/13 13:40
S40	268	LEE-GUEN-Hi JUNG-JAE-CHANG SHI-K	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/09/13 13:40
S41	271	(LEE-GUEN-HO JUNG-JAE-CHANG JUNG-JAE-CHEUN SHI-K) (LEE-GUEN-Hi JUNG-JAE-CHANG JUNG-JAE-CHEUN SHI-K) (LEE-GUEN-Hi JUNG-JAE-CHANG SHI-K)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/09/13 13:40
S42	212	((LEE-GUEN-HO JUNG-JAE-CHANG JUNG-JAE-CHEUN SHI-K) (LEE-GUEN-Hi JUNG-JAE-CHANG JUNG-JAE-CHEUN SHI-K) (LEE-GUEN-Hi JUNG-JAE-CHANG SHI-K)) and (photoresist resist)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/09/13 13:40
S43	1	((((LEE-GUEN-HO JUNG-JAE-CHANG JUNG-JAE-CHEUN SHI-K) (LEE-GUEN-Hi JUNG-JAE-CHANG JUNG-JAE-CHEUN SHI-K) (LEE-GUEN-Hi JUNG-JAE-CHANG SHI-K)) and (photoresist resist)) and (butadiene adj sulfone)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/07 08:33
S44	0	((((LEE-GUEN-HO JUNG-JAE-CHANG JUNG-JAE-CHEUN SHI-K) (LEE-GUEN-Hi JUNG-JAE-CHANG JUNG-JAE-CHEUN SHI-K) (LEE-GUEN-Hi JUNG-JAE-CHANG SHI-K)) and (photoresist resist)) and (2,5-dihydrothiophene 1,1-dioxidethiophene (1, 1-dioxide adj thiophene) \$6-sulfolene (2,5-dihydrothiophene adj 1,1-dioxidethiophene) (2,5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/09/13 13:41
S45	106	((((LEE-GUEN-HO JUNG-JAE-CHANG JUNG-JAE-CHEUN SHI-K) (LEE-GUEN-Hi JUNG-JAE-CHANG JUNG-JAE-CHEUN SHI-K) (LEE-GUEN-Hi JUNG-JAE-CHANG SHI-K)) and (photoresist resist)) and ((photoacid acid) near generat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/09/13 13:41

S46	100	(((LEE-GUEN-HO JUNG-JAE-CHANG JUNG-JAE-CHEUN SHI-K) (LEE-GUEN-HI JUNG-JAE-CHANG JUNG-JAE-CHEUN SHI-K) (LEE-GUEN-HI JUNG-JAE-CHANG SHI-K)) and (photoresist resist)) and ((photoacid acid) near generat\$3)) and solvent	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/09/13 14:05
S47	443144	poly(butadiene adj sulfone)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 08:27
S48	4	polybutadiene adj sulfone	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/09/13 14:05
S49	6	poly adj butadiene adj sulfone	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/09/13 14:06
S50	10	(polybutadiene adj sulfone ) (poly adj butadiene adj sulfone)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/07 08:34
S51	442950	(poly(butadiene adj sulfone)) not (((2,5-dihydrothiophene 1, 1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2, 5-dihydrothiophene adj 1,1-dioxidethiophene) (2, 5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene)) and (resist photoresist polymer copolymer terpolymer tetrapolymer)) and ((photoacid acid) near generat\$3)) ((2,5-dihydrothiophene 1, 1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2, 5-dihydrothiophene adj 1,1-dioxidethiophene) (2, 5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene)) and (resist photoresist polymer copolymer terpolymer tetrapolymer)) ( ((butadiene adj sulfone) and (resist photoresist polymer copolymer terpolymer tetrapolymer)) not (((butadiene adj sulfone) and (resist photoresist polymer copolymer terpolymer tetrapolymer)) and ((photoacid acid) near generat\$3))) ("20030022100").PN.) ("3449302").PN.) "3449302".URPN. ((polybutadiene adj sulfone ) (poly adj butadiene adj sulfone)) )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/09/13 14:18
S52	15514	((poly(butadiene adj sulfone)) not (((2,5-dihydrothiophene 1, 1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2, 5-dihydrothiophene adj 1,1-dioxidethiophene) (2, 5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene)) and (resist photoresist polymer copolymer terpolymer tetrapolymer)) and ((photoacid acid) near generat\$3)) ((2,5-dihydrothiophene 1, 1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2, 5-dihydrothiophene adj 1,1-dioxidethiophene) (2, 5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene)) and (resist photoresist polymer copolymer terpolymer tetrapolymer)) ( ((butadiene adj sulfone) and (resist photoresist polymer copolymer terpolymer tetrapolymer)) not (((butadiene adj sulfone) and (resist photoresist polymer copolymer terpolymer tetrapolymer)) and ((photoacid acid) near generat\$3))) ("20030022100").PN.) ("3449302").PN.) "3449302".URPN. ((polybutadiene adj sulfone ) (poly adj butadiene adj sulfone)) )) and solvent and (photoresist resist)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/09/13 14:18

S53	4017	((poly(butadiene adj sulfone)) not (((2,5-dihydrothiophene 1, 1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2, 5-dihydrothiophene adj 1,1-dioxidethiophene) (2, 5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene)) and (resist photoresist polymer copolymer terpolymer tetrapolymer)) and ((photoacid acid) near generat\$3)) ((2,5-dihydrothiophene 1, 1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2, 5-dihydrothiophene adj 1,1-dioxidethiophene) (2, 5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene)) and (resist photoresist polymer copolymer terpolymer tetrapolymer)) ( ((butadiene adj sulfone) and (resist photoresist polymer copolymer terpolymer tetrapolymer)) not (((butadiene adj sulfone) and (resist photoresist polymer copolymer terpolymer tetrapolymer)) and ((photoacid acid) near generat\$3))) ("20030022100").PN.) ("3449302").PN.) "3449302".URPN. ((polybutadiene adj sulfone ) (poly adj butadiene adj sulfone)) )) and ((photoacid acid) near generat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/09/13 14:18
S54	1618	((poly(butadiene adj sulfone)) not (((2,5-dihydrothiophene 1, 1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2, 5-dihydrothiophene adj 1,1-dioxidethiophene) (2, 5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene)) and (resist photoresist polymer copolymer terpolymer tetrapolymer)) and ((photoacid acid) near generat\$3)) ((2,5-dihydrothiophene 1, 1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2, 5-dihydrothiophene adj 1,1-dioxidethiophene) (2, 5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene)) and (resist photoresist polymer copolymer terpolymer tetrapolymer)) ( ((butadiene adj sulfone) and (resist photoresist polymer copolymer terpolymer tetrapolymer)) not (((butadiene adj sulfone) and (resist photoresist polymer copolymer terpolymer tetrapolymer)) and ((photoacid acid) near generat\$3))) ("20030022100").PN.) ("3449302").PN.) "3449302".URPN. ((polybutadiene adj sulfone ) (poly adj butadiene adj sulfone)) )) and solvent and (photoresist resist)) and ((photoacid acid) near generat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/09/13 14:23
S55	6	poly adj (butadiene adj sulfone)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/09/13 14:24
S56	161	3-sulfolene	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 08:29
S57	6	3-sulfolene and (resist photoresist)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/07 08:34
S58	1	(3-sulfolene and (resist photoresist)) and ((photoacid acid) near generat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/09/13 15:58
S59	1	solvent and ((3-sulfolene and (resist photoresist)) and ((photoacid acid) near generat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/09/13 16:47
S60	2	("4758639").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/09/13 16:47

S61	146	butadiene adj sulfone	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 08:26
S62	109	(butadiene adj sulfone) and (resist photoresist polymer copolymer terpolymer tetrapolymer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 08:56
S63	226	(((((thiophene 2,5-dihydrothiophene 1,1-dioxidethiophene (1, 1-dioxide adj thiophene) \$6-sulfolene (2,5-dihydrothiophene adj 1,1-dioxidethiophene) (2,5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene)) (butadiene adj sulfone) ) and (resist photoresist)) and ((photoacid acid) near generat\$3)) and solvent	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 08:30
S64	179	3-sulfolene	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 08:29
S65	30364	thiophene 2,5-dihydrothiophene 1,1-dioxidethiophene (1, 1-dioxide adj thiophene) \$6-sulfolene (2,5-dihydrothiophene adj 1,1-dioxidethiophene) (2,5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene) (butadiene adj sulfone)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 08:30
S66	483912	3-sulfolene (thiophene 2,5-dihydrothiophene 1, 1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2, 5-dihydrothiophene adj 1,1-dioxidethiophene) (2, 5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene) (butadiene adj sulfone)) (butadiene adj sulfone) ((butadiene adj sulfone) and (resist photoresist polymer copolymer terpolymer tetrapolymer) ) ((poly adj (butadiene adj sulfone)) poly-(butadiene adj sulfone) polybutadienesulfone (polybutadiene adj sulfone))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 08:30
S67	1991	(3-sulfolene (thiophene 2,5-dihydrothiophene 1, 1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2, 5-dihydrothiophene adj 1,1-dioxidethiophene) (2, 5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene) (butadiene adj sulfone)) (butadiene adj sulfone) ((butadiene adj sulfone) and (resist photoresist polymer copolymer terpolymer tetrapolymer) ) ((poly adj (butadiene adj sulfone)) poly-(butadiene adj sulfone) polybutadienesulfone (polybutadiene adj sulfone))) and (resist photoresist) and ((photoacid acid) near generat\$3) and solvent	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 08:56
S68	293726	methacrylate acrylate hydroxystyrene	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 08:32
S69	456301	methacrylate acrylate hydroxystyrene styrene	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 08:33
S70	1604	((3-sulfolene (thiophene 2,5-dihydrothiophene 1, 1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2, 5-dihydrothiophene adj 1,1-dioxidethiophene) (2, 5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene) (butadiene adj sulfone)) (butadiene adj sulfone) ((butadiene adj sulfone) and (resist photoresist polymer copolymer terpolymer tetrapolymer) ) ((poly adj (butadiene adj sulfone)) poly-(butadiene adj sulfone) polybutadienesulfone (polybutadiene adj sulfone))) and (resist photoresist) and ((photoacid acid) near generat\$3) and solvent ) and (methacrylate acrylate hydroxystyrene )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 08:33

S71	456301	(methacrylate acrylate hydroxystyrene ) (methacrylate acrylate hydroxystyrene styrene )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 08:33
S72	1604	((3-sulfolene (thiophene 2,5-dihydrothiophene 1, 1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2, 5-dihydrothiophene adj 1,1-dioxidethiophene) (2, 5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene) (butadiene adj sulfone)) (butadiene adj sulfone ) ((butadiene adj sulfone) and (resist photoresist polymer copolymer terpolymer tetrapolymer) ) ((poly adj (butadiene adj sulfone)) poly-(butadiene adj sulfone) polybutadienesulfone (polybutadiene adj sulfone))) and (resist photoresist) and ((photoacid acid) near generat\$3) and solvent ) and (((3-sulfolene (thiophene 2, 5-dihydrothiophene 1,1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2,5-dihydrothiophene adj 1, 1-dioxidethiophene) (2,5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene) (butadiene adj sulfone)) (butadiene adj sulfone ) ((butadiene adj sulfone) and (resist photoresist polymer copolymer terpolymer tetrapolymer) ) ((poly adj (butadiene adj sulfone)) poly-(butadiene adj sulfone) polybutadienesulfone (polybutadiene adj sulfone))) and (resist photoresist) and ((photoacid acid) near generat\$3) and solvent ) and (methacrylate acrylate hydroxystyrene ) )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 08:35
S73	112560	norbornene carboxylate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 08:35
S74	531583	((methacrylate acrylate hydroxystyrene ) (methacrylate acrylate hydroxystyrene styrene ) ) (norbornene carboxylate )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 08:35
S75	1830	((3-sulfolene (thiophene 2,5-dihydrothiophene 1, 1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2, 5-dihydrothiophene adj 1,1-dioxidethiophene) (2, 5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene) (butadiene adj sulfone)) (butadiene adj sulfone ) ((butadiene adj sulfone) and (resist photoresist polymer copolymer terpolymer tetrapolymer) ) ((poly adj (butadiene adj sulfone)) poly-(butadiene adj sulfone) polybutadienesulfone (polybutadiene adj sulfone))) and (resist photoresist) and ((photoacid acid) near generat\$3) and solvent ) and (((methacrylate acrylate hydroxystyrene ) (methacrylate acrylate hydroxystyrene styrene ) ) (norbornene carboxylate ) )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 08:35
S76	75	maleimide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 08:35
S77	26037	maleimide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 08:36
S78	491	maleimide and (((3-sulfolene (thiophene 2,5-dihydrothiophene 1, 1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2, 5-dihydrothiophene adj 1,1-dioxidethiophene) (2, 5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene) (butadiene adj sulfone)) (butadiene adj sulfone ) ((butadiene adj sulfone) and (resist photoresist polymer copolymer terpolymer tetrapolymer) ) ((poly adj (butadiene adj sulfone)) poly-(butadiene adj sulfone) polybutadienesulfone (polybutadiene adj sulfone))) and (resist photoresist) and ((photoacid acid) near generat\$3) and solvent ) and (((methacrylate acrylate hydroxystyrene ) (methacrylate acrylate hydroxystyrene styrene ) ) (norbornene carboxylate )))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 08:36



S79	412	(maleimide and (((3-sulfolene (thiophene 2,5-dihydrothiophene 1,1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2,5-dihydrothiophene adj 1,1-dioxidethiophene) (2,5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene) (butadiene adj sulfone)) (butadiene adj sulfone) ((butadiene adj sulfone) and (resist photoresist polymer copolymer terpolymer tetrapolymer) ) ((poly adj (butadiene adj sulfone)) poly-(butadiene adj sulfone) polybutadienesulfone (polybutadiene adj sulfone))) and (resist photoresist) and ((photoacid acid) near generat\$3) and solvent ) and (((methacrylate acrylate hydroxystyrene ) (methacrylate acrylate hydroxystyrene styrene ) ) (norbornene carboxylate )))) and "430"/\$.cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 08:37
S80	483912	(butadiene adj sulfone) ((poly adj (butadiene adj sulfone)) poly-(butadiene adj sulfone) polybutadienesulfone (polybutadiene adj sulfone)) (((((thiophene 2,5-dihydrothiophene 1,1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2,5-dihydrothiophene adj 1,1-dioxidethiophene) (2,5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene)) (butadiene adj sulfone) ) and (resist photoresist)) and ((photoacid acid) near generat\$3)) and solvent ) 3-sulfolene (thiophene 2,5-dihydrothiophene 1,1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2,5-dihydrothiophene adj 1,1-dioxidethiophene) (2,5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene) (butadiene adj sulfone))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 09:02
S81	1991	((butadiene adj sulfone) ((poly adj (butadiene adj sulfone)) poly-(butadiene adj sulfone) polybutadienesulfone (polybutadiene adj sulfone)) (((((thiophene 2,5-dihydrothiophene 1,1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2,5-dihydrothiophene adj 1,1-dioxidethiophene) (2,5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene)) (butadiene adj sulfone) ) and (resist photoresist)) and ((photoacid acid) near generat\$3)) and solvent ) 3-sulfolene (thiophene 2,5-dihydrothiophene 1,1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2,5-dihydrothiophene adj 1,1-dioxidethiophene) (2,5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene) (butadiene adj sulfone))) and (resist photoresist) and ((photoacid acid) near generat\$3) and solvent	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 09:03
S82	1709	((((butadiene adj sulfone) ((poly adj (butadiene adj sulfone)) poly-(butadiene adj sulfone) polybutadienesulfone (polybutadiene adj sulfone)) (((((thiophene 2,5-dihydrothiophene 1,1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2,5-dihydrothiophene adj 1,1-dioxidethiophene) (2,5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene)) (butadiene adj sulfone) ) and (resist photoresist)) and ((photoacid acid) near generat\$3)) and solvent ) 3-sulfolene (thiophene 2,5-dihydrothiophene 1,1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2,5-dihydrothiophene adj 1,1-dioxidethiophene) (2,5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene) (butadiene adj sulfone))) and (resist photoresist) and ((photoacid acid) near generat\$3) and solvent ) and (methacrylate acrylate hydroxystyrene styrene )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 08:57

S83	471	(((butadiene adj sulfone ) ((poly adj (butadiene adj sulfone)) poly-(butadiene adj sulfone) polybutadienesulfone (polybutadiene adj sulfone)) (((thiophene 2,5-dihydrothiophene 1, 1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2, 5-dihydrothiophene adj 1,1-dioxidethiophene) (2, 5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene)) (butadiene adj sulfone) ) and (resist photoresist)) and ((photoacid acid) near generat\$3)) and solvent ) 3-sulfolene (thiophene 2,5-dihydrothiophene 1,1-dioxidethiophene (1, 1-dioxide adj thiophene) \$6-sulfolene (2,5-dihydrothiophene adj 1,1-dioxidethiophene) (2,5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene) (butadiene adj sulfone))) and (resist photoresist) and ((photoacid acid) near generat\$3) and solvent ) and (methacrylate acrylate hydroxystyrene styrene )) and maleimide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 08:57
S84	232	(((butadiene adj sulfone ) ((poly adj (butadiene adj sulfone)) poly-(butadiene adj sulfone) polybutadienesulfone (polybutadiene adj sulfone)) (((thiophene 2,5-dihydrothiophene 1, 1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2, 5-dihydrothiophene adj 1,1-dioxidethiophene) (2, 5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene)) (butadiene adj sulfone) ) and (resist photoresist)) and ((photoacid acid) near generat\$3)) and solvent ) 3-sulfolene (thiophene 2,5-dihydrothiophene 1,1-dioxidethiophene (1, 1-dioxide adj thiophene) \$6-sulfolene (2,5-dihydrothiophene adj 1,1-dioxidethiophene) (2,5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene) (butadiene adj sulfone))) and (resist photoresist) and ((photoacid acid) near generat\$3) and solvent ) and (methacrylate acrylate hydroxystyrene styrene )) and maleimide) and (norbornene carboxylate )) and "430"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 08:58
S85	281	(((butadiene adj sulfone ) ((poly adj (butadiene adj sulfone)) poly-(butadiene adj sulfone) polybutadienesulfone (polybutadiene adj sulfone)) (((thiophene 2,5-dihydrothiophene 1, 1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2, 5-dihydrothiophene adj 1,1-dioxidethiophene) (2, 5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene)) (butadiene adj sulfone) ) and (resist photoresist)) and ((photoacid acid) near generat\$3)) and solvent ) 3-sulfolene (thiophene 2,5-dihydrothiophene 1,1-dioxidethiophene (1, 1-dioxide adj thiophene) \$6-sulfolene (2,5-dihydrothiophene adj 1,1-dioxidethiophene) (2,5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene) (butadiene adj sulfone))) and (resist photoresist) and ((photoacid acid) near generat\$3) and solvent ) and (methacrylate acrylate hydroxystyrene styrene )) and maleimide) and (norbornene carboxylate )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 08:58
S86	65	(poly adj (butadiene adj sulfone)) (poly-butadiene adj sulfone) polybutadienesulfone (polybutadiene adj sulfone)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 12:02
S87	30422	(butadiene adj sulfone ) ((poly adj (butadiene adj sulfone)) (poly-butadiene adj sulfone) polybutadienesulfone (polybutadiene adj sulfone)) 3-sulfolene (thiophene 2,5-dihydrothiophene 1, 1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2, 5-dihydrothiophene adj 1,1-dioxidethiophene) (2, 5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene) (butadiene adj sulfone))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 09:03

S88	226	((butadiene adj sulfone ) ((poly adj (butadiene adj sulfone)) (poly-butadiene adj sulfone) polybutadienesulfone (polybutadiene adj sulfone)) 3-sulfolene (thiophene 2,5-dihydrothiophene 1, 1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2, 5-dihydrothiophene adj 1,1-dioxidethiophene) (2, 5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene) (butadiene adj sulfone))) and (resist photoresist) and ((photoacid acid) near generat\$3) and solvent	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 09:03
S89	161	(methacrylate acrylate hydroxystyrene styrene ) and (((butadiene adj sulfone ) ((poly adj (butadiene adj sulfone)) (poly-butadiene adj sulfone) polybutadienesulfone (polybutadiene adj sulfone)) 3-sulfolene (thiophene 2,5-dihydrothiophene 1, 1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2, 5-dihydrothiophene adj 1,1-dioxidethiophene) (2, 5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene) (butadiene adj sulfone))) and (resist photoresist) and ((photoacid acid) near generat\$3) and solvent )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 09:10
S90	47	maleimide and ((methacrylate acrylate hydroxystyrene styrene ) and (((butadiene adj sulfone ) ((poly adj (butadiene adj sulfone)) (poly-butadiene adj sulfone) polybutadienesulfone (polybutadiene adj sulfone)) 3-sulfolene (thiophene 2,5-dihydrothiophene 1, 1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2, 5-dihydrothiophene adj 1,1-dioxidethiophene) (2, 5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene) (butadiene adj sulfone))) and (resist photoresist) and ((photoacid acid) near generat\$3) and solvent ))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 09:03
S91	114	((methacrylate acrylate hydroxystyrene styrene ) and (((butadiene adj sulfone ) ((poly adj (butadiene adj sulfone)) (poly-butadiene adj sulfone) polybutadienesulfone (polybutadiene adj sulfone)) 3-sulfolene (thiophene 2,5-dihydrothiophene 1, 1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2, 5-dihydrothiophene adj 1,1-dioxidethiophene) (2, 5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene) (butadiene adj sulfone))) and (resist photoresist) and ((photoacid acid) near generat\$3) and solvent )) not (maleimide and ((methacrylate acrylate hydroxystyrene styrene ) and (((butadiene adj sulfone ) ((poly adj (butadiene adj sulfone)) (poly-butadiene adj sulfone) polybutadienesulfone (polybutadiene adj sulfone)) 3-sulfolene (thiophene 2,5-dihydrothiophene 1, 1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2, 5-dihydrothiophene adj 1,1-dioxidethiophene) (2, 5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene) (butadiene adj sulfone))) and (resist photoresist) and ((photoacid acid) near generat\$3) and solvent )))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 11:40
S92	607	2,5-dihydrothiophene 1,1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2,5-dihydrothiophene adj 1, 1-dioxidethiophene) (2,5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 11:40

S93	1	((methacrylate acrylate hydroxystyrene styrene ) and (((butadiene adj sulfone ) ((poly adj (butadiene adj sulfone)) (poly-butadiene adj sulfone) polybutadienesulfone (polybutadiene adj sulfone)) 3-sulfolene (2,5-dihydrothiophene 1, 1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2, 5-dihydrothiophene adj 1,1-dioxidethiophene) (2, 5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene) (butadiene adj sulfone))) and (resist photoresist) and ((photoacid acid) near generat\$3) and solvent )) not (maleimide and ((methacrylate acrylate hydroxystyrene styrene ) and (((butadiene adj sulfone ) ((poly adj (butadiene adj sulfone)) (poly-butadiene adj sulfone) polybutadienesulfone (polybutadiene adj sulfone)) 3-sulfolene (thiophene 2,5-dihydrothiophene 1, 1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2, 5-dihydrothiophene adj 1,1-dioxidethiophene) (2, 5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene) (butadiene adj sulfone))) and (resist photoresist) and ((photoacid acid) near generat\$3) and solvent )))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/07 08:34
S94	1	((methacrylate acrylate hydroxystyrene styrene ) and (((butadiene adj sulfone ) ((poly adj (butadiene adj sulfone)) (poly-butadiene adj sulfone) polybutadienesulfone (polybutadiene adj sulfone)) 3-sulfolene (2,5-dihydrothiophene 1, 1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2, 5-dihydrothiophene adj 1,1-dioxidethiophene) (2, 5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene) (butadiene adj sulfone))) and (resist photoresist) and ((photoacid acid) near generat\$3) and solvent )) not (maleimide and ((methacrylate acrylate hydroxystyrene styrene ) and (((butadiene adj sulfone ) ((poly adj (butadiene adj sulfone)) (poly-butadiene adj sulfone) polybutadienesulfone (polybutadiene adj sulfone)) 3-sulfolene (2,5-dihydrothiophene 1, 1-dioxidethiophene (1,1-dioxide adj thiophene) \$6-sulfolene (2, 5-dihydrothiophene adj 1,1-dioxidethiophene) (2, 5-dihydrothiophene adj sulfone) (3-sulfolene) sulfolene sulpholene (2,5-dihydrothiophene adj dioxidethiophene) (butadiene adj sulfone))) and (resist photoresist) and ((photoacid acid) near generat\$3) and solvent )))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 11:41
S95	109	(butadiene adj sulfone) and (resist photoresist polymer copolymer terpolymer tetrapolymer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 12:02
S96	431825	resist photoresist	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 12:02
S97	4641	(photoacid acid) adj generator	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 14:30
S98	65	(poly adj (butadiene adj sulfone)) (poly-butadiene adj sulfone) polybutadienesulfone (polybutadiene adj sulfone)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 12:02
S99	146	butadiene adj sulfone	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 12:03
S100	204	((poly adj (butadiene adj sulfone)) (poly-butadiene adj sulfone) polybutadienesulfone (polybutadiene adj sulfone) ) (butadiene adj sulfone)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 12:03

S10 1	3	((poly adj (butadiene adj sulfone)) (poly-butadiene adj sulfone) polybutadienesulfone (polybutadiene adj sulfone) ) (butadiene adj sulfone)) and (resist photoresist ) and ((photoacid acid) adj generator)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 12:09
S10 2	12	diene adj sulfone	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 12:09
S10 3	144	olefin adj sulfone	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 12:10
S10 4	153	(diene adj sulfone ) (olefin adj sulfone )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 12:10
S10 5	7	((diene adj sulfone ) (olefin adj sulfone )) and (resist photoresist ) and ((photoacid acid) adj generator)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 13:03
S10 6	2	jp-2002293829-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 13:09
S10 7	0	JP2001098186.prai.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 13:09
S10 8	1	2001JP-0098186.prai.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 13:15
S10 9	0	"2002293829".URPN.	USPAT	OR	ON	2004/02/25 13:10
S11 0	7	((("20030157051") or ("4594366") or ("3449302") or ("4594366")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/02/25 13:17
S11 1	2	ep-131209-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 14:47
S11 2	5	((("4594366") or ("3449302"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/02/25 15:20
S11 3	28	(film adj forming adj monomer) same (hydroxystyrene norbornene methacrylate acrylate acrylic methacrylic \$8oxystyrene)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 15:29
S11 4	22716	(hydrophilic) same (hydroxystyrene norbornene methacrylate acrylate acrylic methacrylic \$8oxystyrene)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 15:39
S11 5	13171	(film adj forming) same (hydroxystyrene norbornene methacrylate acrylate acrylic methacrylic \$8oxystyrene)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 15:39
S11 6	24597	((hydrophilic) same (hydroxystyrene norbornene methacrylate acrylate acrylic methacrylic \$8oxystyrene)) ((film adj forming) same (hydroxystyrene norbornene methacrylate acrylate acrylic methacrylic \$8oxystyrene)) and ("430"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 15:30

S11 7	3760	((hydrophilic) same (hydroxystyrene norbornene methacrylate acrylate acrylic methacrylic \$8oxystyrene)) and ("430"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 15:31
S11 8	6014	((hydrophilic) same (hydroxystyrene norbornene methacrylate acrylate acrylic methacrylic \$8oxystyrene)) ((film adj forming) same (hydroxystyrene norbornene methacrylate acrylate acrylic methacrylic \$8oxystyrene)) and ("430"/\$.ccls.) and (photoresist resist)((hydrophilic) same (hydroxystyrene norbornene methacrylate acrylate acrylic methacrylic \$8oxystyrene)) and ("430"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 15:31
S11 9	2817	((hydrophilic) same (hydroxystyrene norbornene methacrylate acrylate acrylic methacrylic \$8oxystyrene)) ((film adj forming) same (hydroxystyrene norbornene methacrylate acrylate acrylic methacrylic \$8oxystyrene)) and ("430"/\$.ccls.) and (photoresist resist)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 15:31
S12 0	1204	((hydrophilic) same (hydroxystyrene norbornene methacrylate acrylate acrylic methacrylic \$8oxystyrene)) ((film adj forming) same (hydroxystyrene norbornene methacrylate acrylate acrylic methacrylic \$8oxystyrene)) and ("430"/\$.ccls.) and (photoresist resist)) and ("430"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 15:34
S12 1	1204	((hydrophilic) same (hydroxystyrene norbornene methacrylate acrylate acrylic methacrylic \$8oxystyrene)) ((film adj forming) same (hydroxystyrene norbornene methacrylate acrylate acrylic methacrylic \$8oxystyrene)) and ("430"/\$.ccls.) and (photoresist resist)) and ("430"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/25 15:35
S12 2	998	((hydrophilic) same (hydroxystyrene norbornene methacrylate acrylate acrylic methacrylic \$8oxystyrene)) ((film adj forming) same (hydroxystyrene norbornene methacrylate acrylate acrylic methacrylic \$8oxystyrene)) and ("430"/\$.ccls.) and (photoresist resist)) and ("430"/\$.ccls.)	USPAT	OR	ON	2004/02/25 15:36
S12 3	7919	(film adj forming) same (hydroxystyrene norbornene methacrylate acrylate acrylic methacrylic \$8oxystyrene)	USPAT	OR	ON	2004/02/25 15:47
S12 4	13312	(hydrophilic) same (hydroxystyrene norbornene methacrylate acrylate acrylic methacrylic \$8oxystyrene)	USPAT	OR	ON	2004/02/25 15:47
S12 5	17	(film adj forming adj monomer) same (hydroxystyrene norbornene methacrylate acrylate acrylic methacrylic \$8oxystyrene)	USPAT	OR	ON	2004/02/25 16:37
S12 6	1918	(hydrophilic adj monomer) same (hydroxystyrene norbornene methacrylate acrylate acrylic methacrylic \$8oxystyrene)	USPAT	OR	ON	2004/02/25 16:37
S12 7	21	bis-o-aminophenol	USPAT	OR	ON	2004/02/25 15:57
S12 8	27	bisaminophenol	USPAT	OR	ON	2004/02/25 15:58
S12 9	0	bisoaminophenol	USPAT	OR	ON	2004/02/25 15:59
S13 0	7919	(film adj forming ) same (hydroxystyrene norbornene methacrylate acrylate acrylic methacrylic \$8oxystyrene)	USPAT	OR	ON	2004/02/25 16:49
S13 1	1516	(hydrophilic adj monomer) same (hydroxystyrene norbornene methacrylate acrylate \$8oxystyrene)	USPAT	OR	ON	2004/02/25 16:39
S13 2	12	(film adj forming adj monomer ) same (hydroxystyrene norbornene methacrylate acrylate \$8oxystyrene)	USPAT	OR	ON	2004/02/25 16:50
S13 3	4307	(film adj forming ) same (hydroxystyrene norbornene methacrylate acrylate \$8oxystyrene)	USPAT	OR	ON	2004/02/25 16:54
S13 4	59099	"430"/\$.ccls.	USPAT	OR	ON	2004/02/25 16:52
S13 5	1312	((film adj forming ) same (hydroxystyrene norbornene methacrylate acrylate \$8oxystyrene)) and "430"/\$.ccls.	USPAT	OR	ON	2004/02/25 16:53
S13 6	2225	(film adj forming ) same ((hydroxystyrene norbornene methacrylate acrylate \$8oxystyrene) near5 (polymer copolymer))	USPAT	OR	ON	2004/02/25 16:58

S13 7	11952	norbornene (t-butyl-5-norbornene-2-carboxylate) (t-butyl-5-norbornene-2-carboxylate) (tert-butyl-5-norbornene-2-carboxylate) (tert-butyl-5-norbornene-2-carboxylate) ((t tert) adj butyl-5-norbornene-2-carboxylate) (hexafluoroisopropyl adj trifluoromethyl adj (acrylate methacrylate)) \$1-hydroxystyrene \$1-hydroxystyrene \$1-ethoxyethoxystyrene (\$1-ethoxyethoxy adj styrene)	USPAT	OR	ON	2004/02/25 17:56
S13 8	25	(film adj forming) same (norbornene (t-butyl-5-norbornene-2-carboxylate) (t-butyl-5-norbornene-2-carboxylate) (tert-butyl-5-norbornene-2-carboxylate) (tert-butyl-5-norbornene-2-carboxylate) ((t tert) adj butyl-5-norbornene-2-carboxylate) (hexafluoroisopropyl adj trifluoromethyl adj (acrylate methacrylate)) \$1-hydroxystyrene \$1-hydroxystyrene \$1-ethoxyethoxystyrene (\$1-ethoxyethoxy adj styrene) )	USPAT	OR	ON	2004/02/25 17:19
S13 9	0	ethylenically near unsaturated near film-forming near monomer	USPAT	OR	ON	2004/02/25 17:55
S14 0	0	ethylenically adj unsaturated adj film-forming adj monomer	USPAT	OR	ON	2004/02/25 17:19
S14 1	1	ethylenically adj unsaturated adj film-forming	USPAT	OR	ON	2004/02/25 17:20
S14 2	2	ethylenically adj unsaturated adj film adj forming	USPAT	OR	ON	2004/02/25 17:21
S14 3	3	ethylenically adj unsaturated near (film adj forming)	USPAT	OR	ON	2004/02/25 17:21
S14 4	0	ethylenically adj unsaturated near (filmforming)	USPAT	OR	ON	2004/02/25 17:22
S14 5	8	unsaturated near (film-forming)	USPAT	OR	ON	2004/02/25 17:43
S14 6	3235	(acrylic adj ester) near2 (acrylic methacrylic)	USPAT	OR	ON	2004/02/25 17:44
S14 7	32	((acrylic adj ester) near2 (acrylic methacrylic)) same (t-butyl adj methacrylate )	USPAT	OR	ON	2004/02/25 17:44
S14 8	51672	film-forming (film adj forming)	USPAT	OR	ON	2004/02/25 17:56
S14 9	25	(film-forming (film adj forming)) same (norbornene (t-butyl-5-norbornene-2-carboxylate) (t-butyl-5-norbornene-2-carboxylate) (tert-butyl-5-norbornene-2-carboxylate) (tert-butyl-5-norbornene-2-carboxylate) ((t tert) adj butyl-5-norbornene-2-carboxylate) (hexafluoroisopropyl adj trifluoromethyl adj (acrylate methacrylate)) \$1-hydroxystyrene \$1-hydroxystyrene \$1-ethoxyethoxystyrene (\$1-ethoxyethoxy adj styrene) )	USPAT	OR	ON	2004/02/25 17:56
S15 0	11	"3449302"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 14:33
S15 1	3	("3449302").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/08/19 14:39
S15 2	6675	(acrylic methacrylic) adj4 (alkyl adj ester)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 14:41
S15 3	7146	(t-butyl tert-butyl tertbutyl tbutyl ((t tert) adj butyl)) adj (acrylate methacrylate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:25

S15 4	184	((acrylic methacrylic) adj4 (alkyl adj ester)) same ((t-butyl tert-butyl tertbutyl tbutyl ((t tert) adj butyl)) adj (acrylate methacrylate))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:42
S15 5	17	((((acrylic methacrylic) adj4 (alkyl adj ester)) same ((t-butyl tert-butyl tertbutyl tbutyl ((t tert) adj butyl)) adj (acrylate methacrylate)))) and (photoresist resist)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 14:51
S15 6	167	((((acrylic methacrylic) adj4 (alkyl adj ester)) same ((t-butyl tert-butyl tertbutyl tbutyl ((t tert) adj butyl)) adj (acrylate methacrylate)))) not (((acrylic methacrylic) adj4 (alkyl adj ester)) same ((t-butyl tert-butyl tertbutyl tbutyl ((t tert) adj butyl)) adj (acrylate methacrylate)))) and (photoresist resist))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 14:50
S15 7	116	film adj forming adj monomer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:01
S15 8	21	(film adj forming adj monomer) and (photoresist resist)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 14:53
S15 9	7246	(t-butyl tert-butyl tertbutyl tbutyl ((t tert) adj butyl) 2-methyl-2-adamantyl) adj (acrylate methacrylate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 14:58
S16 0	0	(film adj forming adj monomer) same ((t-butyl tert-butyl tertbutyl tbutyl ((t tert) adj butyl) 2-methyl-2-adamantyl) adj (acrylate methacrylate))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 14:57
S16 1	7	(film adj forming adj monomer) and ((t-butyl tert-butyl tertbutyl tbutyl ((t tert) adj butyl) 2-methyl-2-adamantyl) adj (acrylate methacrylate))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 14:58
S16 2	154411	film adj forming	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:01
S16 3	90	((t-butyl tert-butyl tertbutyl tbutyl ((t tert) adj butyl) 2-methyl-2-adamantyl) adj (acrylate methacrylate)) same (film adj forming )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:40
S16 4	17	((((acrylic methacrylic) adj4 (alkyl adj ester)) same ((t-butyl tert-butyl tertbutyl tbutyl ((t tert) adj butyl)) adj (acrylate methacrylate)))) and ("430"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 15:25
S16 5	2	((("3449302") or ("20020061464")).PN.	US-PGPUB; USPAT	OR	OFF	2004/11/02 13:56